

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 20065US20

First Inventor or Application Identifier SAMUEL G. ARMATO, III

Title AUTOMATED METHOD AND SYSTEM FOR THE SEGMENTATION OF LUNG REGIONS IN COMPUTED TOMOGRAPHY SCANS

Assignee Name: ARCH DEVELOPMENT CORPORATION

Assignee Address: 5640 South Ellis Avenue, Room 405, Chicago, IL 60637

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

Fee Transmittal Form (e.g. PTO/SB/17).  
(Submit an original and a duplicate for fee processing)

Specification Total Sheets 34

3.  Drawing(s) (35 U.S.C. 113) Total Sheets (FORMAL) 16

4.  Oath or Declaration Total Pages
- a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation / divisional w/ box 16 completed)
    - i.  DELETION OF INVENTOR(S)  
If a statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).
5.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
6.  Nucleotide and/or Amino Acid Sequence Submission (*If applicable, all necessary*)
  - a.  Computer Readable Form (CRF)
  - b. Specification or Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper
    - c.  Statements verifying identity of above copies

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

Continuation     Divisional     Continuation-in-part (CIP) of prior application no.:

Group Art Unit:

Prior application information: Examiner:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation/divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

- This application is a  Continuation  Division  Continuation-in-part (CIP) of application Serial No. Filed on
- Which was published in English
- Which was not published in English
- This application claims priority of provisional application Serial No. Filed

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Signature:		Date:	1/16/01
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) SAMUEL G. ARMATO, III, ET AL

SERIAL NO: NEW APPLICATION

FILING DATE: HEREWITH

FOR: AUTOMATED METHOD AND SYSTEM FOR THE SEGMENTATION OF LUNG REGIONS IN COMPUTED TOMOGRAPHY SCANS

## FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	51 - 20 =	31	x \$18 =	\$558.00
INDEPENDENT CLAIMS	15 - 3 =	12	x \$80 =	\$960.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$270 =	\$0.00
<input checked="" type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$130.00
			BASIC FEE	\$710.00
			TOTAL OF ABOVE CALCULATIONS	\$2,358.00
<input checked="" type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$1,179.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
			TOTAL	\$1,179.00

- Please charge Deposit Account No. 15-0030 in the amount of A duplicate copy of this sheet is enclosed.
- A check in the amount of **\$1,179.00** to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030.  
A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

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EHK:RCM:djn

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